

Metabolite extraction and LC-MS analysis

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 An abbreviated version of this protocol was published in eLIFE in Oct 2019

Adaptation to mutational inactivation of an essential gene converges to an accessible suboptimal fitness peak

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Related files

 D27 mutants LCMS extraction and analysis protocol.docx



How to cite: (Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used)

1. Shakhnovich, E. (2019). Metabolite extraction and LC-MS analysis. Bio-protocol Preprint. bio-protocol.org/129.
2. Rodrigues, J. V. and Shakhnovich, E. I. (2019). Adaptation to mutational inactivation of an essential gene converges to an accessible suboptimal fitness peak. eLIFE. DOI: [10.7554/eLife.50509](https://doi.org/10.7554/eLife.50509)

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